

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| Applicant's or agent's file reference 27612 | | e Form PCT/ISA/220 there applicable, item 5 below. | | | | | |
|--|--|---|--|--|--|--|--|
| International application No. PCT/IL04/00161 | International filing date (day/month/year) 19 February 2004 (19.02.2004) | (Earliest) Priority Date (day/month/year) 19 February 2003 (19.02.2003) | | | | | |
| Applicant EBENSHPANGER, GIDON | | | | | | | |
| This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of sheets. It is also accompanied by a copy of each prior art document cited in this report. | | | | | | | |
| Basis of the Report With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. | | | | | | | |
| The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). | | | | | | | |
| | | the international application, see Box No. I. | | | | | |
| | unsearchable (See Box No. II) | | | | | | |
| 3. Unity of invention is lackin4. With regard to the title, | g (See Box No. III) | | | | | | |
| l 6-3 | itted by the applicant. | | | | | | |
| | the text is approved as submitted by the applicant. the text has been established by this Authority to read as follows: | | | | | | |
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| 5. With regard to the abstract, | | | | | | | |
| the text is approved as subm | itted by the applicant. | | | | | | |
| , <u> </u> | - · · · · · · · · · · · · · · · · · · · | y as it appears in Box No. IV. The applicant rch report, submit comments to this Authority. | | | | | |
| as suggested by the as selected by this A | Authority, because the applicant failed to sug Authority, because this figure better characte | gest a figure. | | | | | |

Form PCT/ISA/210 (first sheet) (January 2004)



| nternational | application | N |
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PCT/IL04/00161

| A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : H04Q 7/20 US CL : 455/458,565,410 According to International Patent Classification (IPC) or to both national classification and IPC | | | | | | |
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| | DS SEARCHED | | | | | |
| Minimum documentation searched (classification system followed by classification symbols) U.S.: 455/458,565,410 | | | | | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | | | | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) East | | | | | | |
| C. DOC | UMENTS CONSIDERED TO BE RELEVANT | | | | | |
| Category * | Citation of document, with indication, where ap | | Relevant to claim No. | | | |
| A | US 5,129,097 (SUZUKI ET AL.) 07 July 1992 (07.0 | 7.1992), column 3, lines 40-55. | 1-30 | | | |
| A | US 2003/0139205 A1 (BELCHER ET AL.) 24 July 2003 (24.07.2003), paragraph 0015. | | 1-30 | | | |
| | | | ; | | | |
| | r documents are listed in the continuation of Box C. | See patent family annex. "T" later document published after the inte | | | | |
| | Special categories of cited documents: at defining the general state of the art which is not considered to be | date and not in conflict with the applic principle or theory underlying the inve | ation but cited to understand the | | | |
| of partic | pplication or patent published on or after the international filing date | "X" document of particular relevance; the considered novel or cannot be conside when the document is taken alone | claimed invention cannot be | | | |
| establish specified | nt which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as i) In the publication of the publication or other special reason (as ii) In the publication of the publication or other means is the publication of the publication or other means is the publication or other means is the publication of the publication or other means is the publication of the publication or other means is the publication of the publication or other means is the publication of the publication or other means is the publication of the publication or other means is the publication of the publication or other means is the publication of the publication of the publi | "Y" document of particular relevance; the considered to involve an inventive ster combined with one or more other such being obvious to a person skilled in the | when the document is a documents, such combination | | | |
| | nt reterring to an oral disclosure, use, exhibition of other means of published prior to the international filing date but later than the | "&" document member of the same patent | | | | |
| | date claimed | Date of mailing of the international sear | ch renort | | | |
| | actual completion of the international search | 27 OCT 2004/ | - | | | |
| | nailing address of the ISA/US | Authorized officer | | | | |
| Ma Co P. | anil Stop PCT, Attn: ISA/US ommissioner for Patents O. Box 1450 exandria, Virginia 22313-1450 | Huy Nguyen Telephone No. 703-305-3283 | | | | |
| | (202) 205-2220 | | | | | |



Internal application No.

| | | | C1/1L04/00101 | | | |
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| A. CLAS | SSIFICATION OF SUBJECT MATTER | · · · · · · · · · · · · · · · · · · · | | | | |
| IPC(7) : H04Q 7/20 | | | | | | |
| US CL | : 455/458,565,410 | | | | | |
| According to International Patent Classification (IPC) or to both national classification and IPC | | | | | | |
| B. FIEL | DS SEARCHED | | | | | |
| Minimum do | cumentation searched (classification system followed b | v classification symbols | ` | | | |
| | 55/458,565,410 | y classification symbols | , | | | |
| 0.3 4. | 757, 456, 505, 410 | | | | | |
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| Documentation | on searched other than minimum documentation to the | extent that such docume | nts are included in | the fields searched | | |
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| Electronic da | ta base consulted during the international search (name | of data base and, where | e practicable, sear | ch terms used) | | |
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| | UMENTS CONSIDERED TO BE RELEVANT | | | | | |
| Category * | Citation of document, with indication, where ap | | | Relevant to claim No. | | |
| Α | US 5,129,097 (SUZUKI ET AL.) 07 July 1992 (07.0 | 7.1992), column 3, line | s 40-55. | 1-30 | | |
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| Α | US 2003/0139205 A1 (BELCHER ET AL.) 24 July 2 | 2003 (24.07.2003), para | graph 0015. | 1-30 | | |
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| Further | documents are listed in the continuation of Box C. | See patent far | nily annex. | | | |
| | | <u> </u> | | national filing date or priority | | |
| • 5 | pecial categories of cited documents: | | | ation but cited to understand the | | |
| | defining the general state of the art which is not considered to be | principle or the | ory underlying the inve | ntion | | |
| of particu | ılar relevance | "X" document of par | ticular relevance: the o | laimed invention cannot be | | |
| "E" earlier an | plication or patent published on or after the international filing date | | | ed to involve an inventive step | | |
| - | • | | nent is taken alone | • | | |
| "L" document | t which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as | "Y" document of par | rticular relevance: the o | laimed invention cannot be | | |
| specified) | | | | when the document is | | |
| - | | | | documents, such combination | | |
| "O" documen | t referring to an oral disclosure, use, exhibition or other means | being obvious to | a person skilled in the | art | | |
| "P" documen | t published prior to the international filing date but later than the | "&" document memi | per of the same patent i | family | | |
| priority d | ate claimed | | | | | |
| Date of the a | ctual completion of the international search | Date of mailing of the | international searc | ch report | | |
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| | r 2004 (16.09.2004) | | 100140 | U4 | | |
| | ailing address of the ISA/US | Authorized officer | \cap | | | |
| | Mail Stop PCT, Attn: ISA/US Commissioner for Patents Huy Nguyen | | | | | |
| | P.O. Poy 1450 | | | | | |
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| Facsimile No. (703) 305-3230 | | | | | | |